



EASTERN KENTUCKY UNIVERSITY

College of Business & Technology

SUGGESTED CURRICULUM GUIDE FOR CAREER & TECHNICAL EDUCATION (B.S. DEGREE) AGRICULTURE EDUCATION OPTION - Fall 2009

Freshman (1st Semester) 15 hrs

BTO 100* Orientation (1 hr)
 AGR 125 Principles of Animal Science
 AGR 126 Animal Science Lab (1 hr)
 AGR 130 Principles of Agronomy
 AGR 131 Agronomy Lab (1 hr)
 Block I-A ENG 101 English I
 Block II MAT 107 (or higher) College Algebra

Freshman (2nd Semester) 19 hrs

AGR 210 Agr. Measurements (2 hrs)
 AGR 213 Agricultural Mechanics (4 hrs)
 EDF 103 Introduction to Education (1 hr)
 Block I-B ENG 102 English II
 ECO 230 Principles of Microeconomics
 Block V-A History
 CTE 261 Foundations of Career & Tech. Ed.

Sophomore (1st Semester) 16 hrs

AGR 308 Agribusiness
 AGR 327 or 328 Production Course
 Block IV-B CHE 101 Chemistry in Everyday Life
 Block IV-B CHE 107 Introductory Chemistry Lab (1 hr)
 CTE 261 Foundations of Career & Tech. Ed.
 Block III-B Humanities

Sophomore (2nd Semester) 16 hrs

AGR 215 Soils
 EDF 319 Human Development
 Block IV-A BIO 121 Principles of Biology (4 hrs)
 Block VII CIS 212, CCT 201, or CSC 104
 Block I-C CMS 100 Communication

Junior (1st Semester) 18 hrs

AGR 310 or 350 Ag Marketing or Management
 AGR 272, 311, 362, or 383
 AGR/OHO Elective*
 CTE 361 Course Materials in Tech. Ed.
 Block V-A History
 Block VI Wellness

Junior (2nd Semester) 17 hrs

AGR 304 Pest Management
 AGR 305 Professional Skills Seminar (1 hr)
 AGR 409 or 440
 CTE 363 Eval. In Career Tech Ed
 Block VIII SED 401 Excep. Learners
 Block VII Breadth of Knowledge

Senior (1st Semester) 17 hrs

AGR 312, 417 or OHO 384 or 385
 AGR 315 Soils Lab (2 hrs)
 ESE 552 Secondary Career Ed
 Block V-C Soc 131 History or Social Science
 Block III-A Arts
 Block VIII Depth of Knowledge

Senior (2nd Semester) 15 hrs

ESE 499 Student Teaching (12 hrs)
 ESE 490 Seminar
 BTS 400 Business & Technology Seminar (0 credit)**

*Agriculture electives can be either AGR or OHO courses but must be upper division (>300). EKU requires a minimum of 128 cr hrs with at least 43 hrs being upper division.

** Spring only

BACHELOR OF SCIENCE - Department of Agriculture

Career and Technical Education, Agriculture Education Teacher Certification Teaching Area Major

University Requirements	1 hr
BTO 100	
General Education Requirements.....	48 hrs
Standard General Education program (MAT 107 or higher). Refer to Section Four of the <i>Undergraduate Catalog</i> for details on the General Education and University requirements.	
College Requirement: Professional Skills Seminar	
BTS 400 (CR)	
Major Requirements.....	45 hrs
Animal science AGR 125, 126, and one class from AGR 321, 327, 328, or 380; Agricultural Systems Management AGR 213 and one class from AGR 272, 311, 362, or 383; Soil Science AGR 215 and one class from AGR 315, 317, or 318; Plant Science AGR 130, 131 or OHO 131, 132 and one class from AGR 312, 417 and OHO 384 or 385; Agriculture Business AGR 308 and one class from AGR 310, 350, 409, or 440. AGR 304, 305, and 6 hrs of AGR/OHO electives in consultation with your advisor.	
Professional Education Core	31-34 hrs
EDF 103 (1), CTE 261, 361, 363, 463 (12) or ESE 499 (12) and ESE 490, EDF 319, ESE 552, SED 401	
Free Electives.....	0-3 hrs
Total Curriculum Requirements.....	128 hrs



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SUGGESTED ELECTIVE COURSES IN AGRICULTURE EDUCATION

AGR 312 Advanced Crops: Forages
AGR 340 Conservation of Agricultural Resources
AGR 213 Principles of Agricultural Machinery
AGR 383 Diesel Power Systems
AGR 327 Beef Production
AGR 409 Ag Records

OHO 131 Principles of Horticulture
OHO 385 Production of Foliage Plants
AGR 345 Sustainable Agroecosystems
OHO 373 Fruit and Vegetable Production
Soil Water Relationships

POTENTIAL JOB OPPORTUNITIES WITH A B.S. IN CAREER AND TECHNICAL EDUCATION / AG EDUCATION

After completion of this preparatory program which must include 75 hours of pre-student teaching clinical and field experiences, students are required to complete state certification requirements including student teaching at one of the state universities which has been authorized to certify career and technical education teachers.

Career opportunities are within the secondary school systems throughout the Commonwealth of Kentucky which offer vocational agriculture and horticulture training for high school level students. Opportunities also exist within secondary school systems in surrounding states. Starting salaries vary between school districts and from state to state. Starting salaries in Kentucky range between \$32,500 - \$38,000.

FOR MORE INFORMATION CONTACT:

Department of Agriculture

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